



(43) International Publication Date  
5 April 2001 (05.04.2001)

PCT

(10) International Publication Number  
**WO 01/23547 A1**

(51) International Patent Classification<sup>7</sup>: **C12N 15/11**,  
A61K 48/00, G01N 33/53

(74) Agents: **HOOVER, Kenley, K. et al.**; Human Genome  
Sciences, Inc., 9410 Key West Avenue, Rockville, MD  
20850 (US).

(21) International Application Number: PCT/US00/26337

(22) International Filing Date:  
26 September 2000 (26.09.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/155,806 27 September 1999 (27.09.1999) US

(71) Applicant (for all designated States except US): **HUMAN  
GENOME SCIENCES, INC.** [US/US]; 9410 Key West  
Avenue, Rockville, MD 20850 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,  
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,  
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KOMATSOULIS,**  
**George, A.** [US/US]; 9518 Garwood Street, Silver Spring,  
MD 20901 (US). **RUBEN, Steven, M.** [US/US]; 18528  
Heritage Hills Drive, Olney, MD 20832 (US). **ROSEN,**  
**Craig, A.** [US/US]; 22400 Rolling Hill Road, Laytonsville,  
MD 20882 (US).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.

(54) Title: 26 HUMAN SECRETED PROTEINS

(57) Abstract: The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding re-  
gions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing  
human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating dis-  
eases, disorders, and/or conditions related to these novel human secreted proteins.

WO 01/23547 A1